| ISSUE SLIP STAPLE AREA (for additional cross-references)  ISSUIN CLASSIFICATION |            |              |            |              |               |            |              |           |           |          |          |          |          |  |           |   |          |             |                            |          |          |          |              |           |              |          |      |          |              |            |           |          |          |                |          |
|---|------------|--------------|------------|--------------|---------------|------------|--------------|-----------|-----------|----------|----------|----------|----------|--|-----------|---|----------|-------------|----------------------------|----------|----------|----------|--------------|-----------|--------------|----------|------|----------|--------------|------------|-----------|----------|----------|----------------|----------|
| ORIGINAL CLASS SUBCLASS   |            |              |            |              |               |            |              | I         | _         |          | _        |          | _        | CROSS REFERENCE(S) SUBCLASS (ONE SUBCLASS PER BLOCK) |           |   |          |             |                            |          |          |          |              |           |              |          |      | -        |              |            |           |          |          |                |          |
| <u>C</u> I  | LAS        | S            | -          | SI           | JB            | <u>ICL</u> | A            | <u> </u>  | ╬         | C        | LA       | S        | <u> </u> | ╁  |           | _ |          | <u>SU</u>   | BC                         | LA       | 55       | O        | NE.          | St        | BC           | 1000     | 1 C  | <u> </u> | T            | <u>.v.</u> | <u> </u>  | Τ        |          |                | ┕        |
|   |            |              |            |              |               |            |              |           |           |          |          |          |          | L  |           |   |          |             |                            |          |          |          |              |           |              | $\sqcup$ |      |          | $\perp$      |            | _         | $\perp$  |          |                | b.       |
|   | 13.        | me           | DNIA       | TIC          | 'M            | Δ1         |              |           | T         |          |          |          |          |  |           |   |          |             |                            |          |          |          |              | ŀ         |              |          |      |          |              |            |           |          |          |                | C        |
| INTERNATIONAL CLASSIFICATION  |            |              |            |              |               |            | t            |           |           |          |          | 1        |          |  |           | 1 |          |             |                            |          |          | Г        |              |           |              |          |      | -        |              | Τ          |           |          | C        |                |          |
| <del></del>   |            |              |            |              |               | ╁          | _            | _         |           |          | ╂        | _        |          |  | ╁         |   | _        | -           |                            |          | -        |          | -            |           |              | +        |      |          | $^{\dagger}$ |            | _         | 1        |          |                |          |
| 4   | Ц          | 4            |            |              | _             |            |              |           | ╀         |          |          |          |          | ╄  |           |   |          | ╀           |                            |          | L        |          |              | -         | _            | -+       |      |          | +            |            |           | ÷        |          |                | ٠,       |
|   | Ш          |              |            |              |               | <u> </u>   |              |           | ┇         |          |          |          |          | Ţ  |           |   |          | ┺           |                            |          | L        |          |              | _         |              |          |      |          | 4            | _          |           | +        |          |                | - 7      |
|   | П          | •            |            |              |               | ı          |              |           | ١         |          |          |          |          |  |           |   |          |             |                            |          |          |          |              |           |              |          |      |          |              |            |           |          |          |                | _:1      |
| 1   | П          |              | _          | ı            |               | 1          |              |           | 1         |          |          |          |          | Τ  |           |   |          |             |                            |          |          |          |              |           |              |          |      |          | 1            |            |           |          |          |                | v110     |
| +   | Н          | -            |            | Ť            |               | ī          |              |           | ┪         |          | _        |          |          | ╁  |           | _ |          | 十           |                            | ^ C      | on       | tinı     | ıed          | or        | IS           | sue      | Slip | Ins      | ide          | Fil        | e J       | ack      | et       |                |          |
|   | ш          |              |            | 1            | _             | _          |              |           | _n_       |          |          | _        |          | 1  | NC        | E | ( C      | F           | CL                         | ML       | S        |          |              |           |              |          |      |          |              |            |           |          |          |                | $\geq$   |
| ✓Rejected – (Thr  |            |              |            |              | ough numeral) |            |              |           |           |          |          |          |          | N  |           |   |          | N<br>Ir     | ton-elected<br>nterference |          | A        |          |              | Appeal    |              |          | d    |          | AVA          |            |           |          |          |                |          |
| laim  |            |              |            | ALIC:        | 2             | )ate       |              |           |           | Ï        | <br>     | Cla      | im       | Ϊ  | 33u       |   | <u> </u> | [           | )ate                       |          |          |          |              |           | Cla          | im       | Ĺ,   | _        | _            | Di         | ite       |          |          |                | 1        |
| 70  | 63         | .69.         | 46         |              | Γ             |            | Τ            | ı         |           | 1        |          |          | 2        |  | 1         |   | 1        | ١           | ١                          |          | 1        |          |              |           |              | 쿌        |      |          |              | 1          | 1         | 1        | 1        | 1              | Ψ        |
| Original  | 1/8        | ~            | 740        | l            |               | 1          |              |           | ļ         | - }      |          | Finai    | Original |  | 1         |   |          |             |                            | -        | -        | ١        | İ            |           | Final        | Original |      | į        |              | -          |           |          |          |                | #        |
|   |            | 14           |            | Ŀ            | L             | +          | +            | +         | +         | $\dashv$ |          | ۴        | 51       | +  | +         | + | +        | $\dashv$    | +                          | +        | +        | -        | $\dashv$     |           | <u>-</u>     | 101      | Н    | $\dashv$ | $\dashv$     | $\dashv$   | ┪         | ┥        | $\dashv$ | +              | ٣        |
| 1/2   |            | 4            | Ť          | ┝            | $\vdash$      | +          | +            | +         | +         | $\dashv$ |          | $\vdash$ | 52       |  | $\dagger$ | + | +        | _           | _                          | +        | _        | _        | $\exists$    |           |              | 102      | d    | ╛        | ╛            |            |           |          |          | $\Box$         |          |
| 3   | V          | ¥            | Ł          |              | L             | 1          | 1            | 1         | コ         | $\Box$   |          |          | 53       |  | I         | I | 1        | 1           | $\Box$                     | $\Box$   | 4        | $\Box$   | $\Box$       |           | $oxed{\Box}$ | 103      | Ц    |          | 1            | 4          | 4         | 4        | 4        | 4              | 4        |
| 4   | -          | Ĺ            | L          | L            | 1             | 1          | 4            | +         | 4         | 4        |          | -        | 54<br>55 |  | +         | + | +        | +           | +                          | +        | 4        | $\dashv$ | ᅱ            |           | ├            | 105      | Н    | $\dashv$ | -            | $\dashv$   | -+        | $\dashv$ | +        | $\dashv$       | $\dashv$ |
| - E   | `          | $\vdash$     | $\vdash$   | ⊢            | +             | +          | +            | +         | +         | $\dashv$ |          | H        | 56       |  | $\dagger$ | + | +        | +           | +                          | $\dashv$ | +        | $\dashv$ |              |           |              | 106      |      |          |              |            |           | ╛        | ╛        |                | ╛        |
| 7   | Ď          | 2            | $\nabla$   |              | L             | 1          | 1            | 1         | _         |          |          |          | 57       |  | 1         | 1 | 1        | $\sqsupset$ | コ                          | $\Box$   | $\Box$   | $\Box$   |              |           | 匚            | 107      | Г    | П        | $\neg$       |            | $\dashv$  | 4        | 4        | Ţ              | 4        |
| 8   |            | $\prod$      | ~          |              | L             | 4          | $\perp$      | 4         | 4         | _        |          | L        | 58       |  | ╀         | + | +        | -           | 4                          | +        | $\dashv$ | $\dashv$ |              |           | -            | 108      |      | H        | $\dashv$     |            | $\dashv$  | ┥        | +        | +              | $\dashv$ |
| 10  | <u> </u>   | ₩            | 00         | ┝            | ۱             | ╁          | ╁            | ╅         | $\dashv$  | $\dashv$ |          | ┝        | 60       | _  | ╁         | + | ┪        | +           | $\dashv$                   | +        | ┪        | -        | $\dashv$     |           | 一            | 110      |      | H        |              |            | $\exists$ |          |          | コ              | コ        |
| 11  | <u> </u>   | V            | D          | ✝            | t             | $\top$     | 1            | I         |           |          |          | Ė        | 61       |  | Ι         | İ |          |             |                            |          | $\Box$   |          |              |           |              | 111      | 1    | П        |              |            |           |          |          |                | 4        |
| 4   | ₩-         | 0            | Ξ          |              | L             | Ţ          | 7            | $\perp$   | $\exists$ |          |          | L        | 63       |  | ╀         | + | -        | 4           | -                          | 4        |          | _        | Н            |           | <u> </u> -   | 112      |      | H        | Н            |            | $\dashv$  | $\dashv$ | $\dashv$ | ┥              | $\dashv$ |
| 100   |            | H            | ₩          | Ͱ            | ╀             | +          | +            | +         | $\dashv$  | Н        |          | $\vdash$ | 64       | _  | ╁         | + | ┪        | ᅥ           | $\dashv$                   | $\dashv$ | -        | -        | Н            |           | $\vdash$     | 114      |      | H        |              |            |           |          |          | 1              |          |
| 15  |            | H            | Ħ          | $\vdash$     | t             | +          | $\dagger$    | +         |           |          |          | L        | 6        |  | 1         | 1 |          |             | コ                          |          |          |          |              |           |              | 115      |      |          |              |            | Ц         |          |          | $\Box$         | $\Box$   |
| 16  | _          | _            | 1          | $\Box$       | Ţ             | 1          | $\bot$       | 4         |           |          |          | L        | 66       |  | 4         | 4 | 4        |             | 4                          | -        | 4        |          | _            | Ì         | Ļ            | 116      | _    | H        |              |            | Н         | -        | $\dashv$ | $\dashv$       | $\dashv$ |
| 17  | _:_        | K            | 0          | ⊢            | ╀             | +          | +            | -         | -         | H        |          | ┝        | 6        |  | ┿         | + | +        | $\dashv$    | -                          | +        | ┪        |          | <del> </del> | l         | $\vdash$     | 118      | 1    | Н        |              | Г          |           |          |          |                | ╛        |
| 19  | -          | t            | ۲          | ✝            | t             | +          | 1            | 7         | _         |          |          |          | 61       |  | 1         | t | ゴ        |             |                            |          |          |          |              |           |              | 119      |      |          |              |            |           |          |          |                | $\Box$   |
| 2   |            | L            | L          | L            | Ţ             | Ţ          | $\Box$       | $\Box$    |           | Ц        |          |          | 7(       |  | 4         | 4 | 4        | -           | _                          |          | _        |          | -            |           | $\vdash$     | 120      |      | -        | ┝            | -          | Н         | _        | Н        | $\dashv$       | Н        |
| 2   |            | ╀            | ╁          | ╀            | ╀             | +          | +            | -         | _         | ┝        |          | $\vdash$ | 7        | _  | +         | + | +        | $\dashv$    | $\dashv$                   | -        | -        | _        | -            | 1         | $\vdash$     | 122      |      | $\vdash$ | $\vdash$     | H          | -         |          | Н        |                |          |
| 2   |            | ╁            | ╁          | †            | t             | 十          | 1            | 1         |           |          | 1        | L        | 7:       |  | 1         | 1 | ╛        |             |                            |          |          |          |              | 1         |              | 12:      |      |          |              |            |           |          |          |                | П        |
| 2   |            | I            | I          | L            | I             | I          | $\Box$       | $\exists$ |           |          | ]        | L        | 7        |  | 4         | 4 | _        | _           |                            |          |          |          | <u> </u>     | ł         | H            | 12       |      | -        | ┞            | ├          | H         | <u> </u> | $\vdash$ | Н              | Н        |
| 2   | <u>-+-</u> | ╀            | +          | ╀            | +             | +          | +            | 4         |           | $\vdash$ | -        | +        | 7        |  | +         | + | -        | $\dashv$    | -                          | Н        |          | -        | +            | 1         | $\vdash$     | 120      |      | t        |              |            |           |          |          |                | 口        |
| 2   |            | T            | $^{\perp}$ | T            | 1             | 1          | $\exists$    |           |           |          | 1        |          | 7        | 7  | 1         | _ |          |             |                            | 口        |          |          |              | ]         |              | 12       |      | $\Box$   | Г            |            | Г         |          | F        |                | П        |
|   | 8          | Ţ            | T          | Ţ            | Į             | 1          | 4            | $\exists$ |           | Ĺ        | 1        | F        | 7        |  | 4         | 4 | 4        |             | -                          | Н        |          | $\vdash$ | -            | 1         | $\vdash$     | 12       |      | ╁        | -            | $\vdash$   | $\vdash$  | $\vdash$ | $\vdash$ | Н              | Н        |
|   | 9          | +            | ╀          | +            | +             | +          | $\dashv$     | $\dashv$  |           | ┢        | 1        | +        | 8        | _  | +         | + | ㅓ        | -           | H                          | H        | _        | $\vdash$ | T            | 1         |              | 13       | 1    | İ        |              |            |           |          |          | ╚              | 口        |
| 3   | 1          | İ            | 士          | 1            | 1             | 1          |              |           |           |          | 1        |          | 8        |  | 1         | コ |          |             |                            |          |          |          | Г            | 1         | F            | 13<br>13 |      | F        |              | L          | F         | _        | -        | $\vdash$       | Н        |
|   | 2          | Ţ            | F          | F            | 1             | 4          | 4            | _         | L         | $\vdash$ | 1        | H        | 8        | 2  <br>3   | +         | 4 |          | <u> </u>    | <del> </del>               | Н        | _        | -        | $\vdash$     | 1         | $\vdash$     | 13       | _    | +        | +            | ╁          | $\vdash$  | -        | $\vdash$ | <del>  -</del> | Н        |
|   | 3          | +            | +          | +            | +             | +          | -            | -         | H         | -        | 1        | $\vdash$ |          | 4  | +         | + | _        |             |                            |          | $\vdash$ |          |              | 1         |              | 13       | 4    |          |              |            | L         |          | 匚        | 匚              | 口        |
| 3   | 5          | $^{\dagger}$ | 士          | 1            | t             | ╛          |              |           |           |          | 1        |          | _        | 5  | 1         | ╛ | _        |             |                            |          |          |          | Γ            | ]         | F            | 13       |      | F        | F            | Ļ          | $\perp$   | F        | 1        | $\vdash$       | Н        |
|   | 6          | Ţ            | Ţ          | Ţ            | Ţ             | J          | $\exists$    |           | Ĺ         | 1        | 4        | F        |          | 6  | 4         | 4 | _        | $\vdash$    | -                          | +-       | -        | 1        | +            | 1         | -            | 13<br>13 |      | +        | $\vdash$     | H          | $\vdash$  | +        | ╁        | $\vdash$       | Н        |
|   | 17<br>18   | +            | +          | +            | +             | $\dashv$   | -            |           | $\vdash$  | +        | 1        | +        |          | 8  | +         | ᅱ |          | -           | 1                          |          | L        | 1        | T            | 1         |              | 13       | 8    |          | İ            | İ          |           |          | I        |                |          |
|   | 39         | †            | +          | †            | _             | _          |              |           |           | İ        | 1        |          | _1_      | 39   | 1         |   |          |             |                            |          |          |          | L            | ]         | F            | 13       |      | I        | L            | F          | $\vdash$  | Ĺ        | 1        | $\vdash$       | $\sqcup$ |
|   | Ю          | I            | 1          | Ţ            | 1             | $\Box$     | ì            |           |           | L        | ]        | F        |          | 90<br>91   | 4         | ] | L        | ⊢           | -                          | ┼-       | $\vdash$ | ╀        | ╀            | 4         | -            | 14       |      | ╀        | +            | ╀          | +         | ╁        | ╁╌       | ╀              | $\vdash$ |
|   | 11         | +            | +          | +            | 4             | ᅱ          | _            | -         | ╁         | +        | 1        | ŀ        |          | )1<br>]2   | $\dashv$  | _ | -        | $\vdash$    | $\vdash$                   | $\vdash$ | $\vdash$ | +        | $\dagger$    | 1         | $\vdash$     | 14       |      | +        | $^{\dagger}$ | T          | T         | T        | 1        |                |          |
|   | 13         | +            | +          | $\dagger$    | +             | $\exists$  | <del> </del> | T         | T         | 1        | 1        | t        | 1        | 93   | _         | _ |          |             |                            |          |          | T        | I            | 1         |              | 14       |      | Ţ        | T            | L          | F         | L        | Г        |                | F        |
|   | 44         | I            | 1          | 1            | コ             |            |              | Г         | Γ         | Γ        | ]        | Į        | _1_      | 94   |           |   | Ĺ        | Ĺ           | +                          | +        | -        | ╀        | +            | 4         | -            | 14       | _    | +        | ╁            | +          | +         | ╀        | +-       | +              | +        |
|   | 45<br>46   | +            | 4          | +            | 4             |            | -            | $\vdash$  | +         | +        | $\dashv$ | -        |          | 95<br>96   | $\dashv$  |   | -        | $\vdash$    | +                          | +        | $\vdash$ | ╁        | +            | $\forall$ | $\vdash$     | 14       |      | +        | +            | +          | +         | t        | +        | T              | T        |
|   | 47         | +            | +          | +            | $\dashv$      | _          | $\vdash$     | t         | t         | +        | 1        | ł        |          | 97   |           |   |          |             | L                          | L        |          | İ        | 1            | 1         |              | 14       |      | 1        | I            | Ι          | 1         | Ţ        | T        | L              |          |
| Ħ   | 48         | 1            | $\perp$    | ightharpoons |               |            |              | I         | I         | 1        | ]        | -        | - 1      | 98   |           |   | F        | F           | $\bot$                     | F        | 1        | 1        | 1            | 4         | F            | 14       | 1    | +        | +            | +          | ╀         | +        | +        | ╀              | ╀        |
|   | 49<br>50   | 4            | 4          | 4            | 4             | -          | L            | ╀         | +         | ╀        | 4        | ŀ        |          | 8 8  | 4         | _ | -        | ╀           | 十                          | ╁        | ╁╌       | +        | +            | 4         | -            | 115      |      | +        | +            | ╁          | +         | +        | +        | ╁              | T        |
|   | <b></b> I  |              |            | 1            |               | 1          |              |           |           | e th     |          | - 1      | - 1'     |  |           |   |          |             |                            |          |          |          |              | _         | _            |          |      | _4_      | _            |            |           | _        | _        | _              |          |